Listing of the Claims:

Claims 1-11 (Canceled)

Claim 12 (Currently Amended): A measuring system for testing a material flow in the tobacco-processing industry for existence of at least one foreign substance and/or for detecting at least one of the weight, density and humidity level in at least one region of the material flow, comprising:

a first device for measuring the material flow in a first spatial direction; and

a second device for measuring the material flow in a second spatial direction that is different from the first spatial direction whereby said first device and said second device are separated from one another in a conveying direction of material flow.

Claim 13. (Currently Amended): The measuring system according to claim 12, wherein at least one of the measuring devices is arranged to make a measurement in [[a]] the conveying direction of the material flow.

Claim 14. (Currently Amended): The measuring system according to claim 12, wherein at least one measuring device is arranged to make a measurement crosswise to [[a]] the conveying direction of the material flow.

Claim 15. (Original): The measuring system according to claim 12, wherein the at least two measuring devices comprises three measuring devices, the third measuring device measuring the material flow in a third spatial direction that is different from the first and the second spatial directions.

Claim 16. (Original): The measuring system according to claim 15, wherein the three spatial directions are essentially orthogonal relative to each other.

Claim 17. (Original): The measuring system according to claim 12, wherein each measuring device comprises:

a resonator housing having a through opening for the material flow to pass through and a testing region located inside the resonator housing to which the material flow can be moved at least in part; and

at least one element that increases energy density of electromagnetic waves for increasing the energy density in at least a portion of the testing region.

Claim 18. (Original): The measure system according to claim 12, wherein the measuring system is a microwave measuring system.

Claims 19-24 (Canceled).